

S132049.



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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C2-OH

Job Sheet 187103



Part No: C2-OH

Job Qty: 1 ea

Part Name: C-Series Remote Hook 2,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/27/18

Job Tracking No: RA379

Due Date: 12/7/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: SN: M987-18

Note: DWG C2 Rev. 2 IPP Rev. A 18.04.27 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	12/7/18	12/7/18	0.00	0.00	Start Up Small Fab-4		mt. 18.11.27
110	Small Fab	1 pcs	12/7/18	12/7/18	0.00	1.00	Small Fab-9		
120	QC	1 pcs	12/7/18	12/7/18	0.00	0.00	QC5		
130	Customer Acceptance	1 pcs	12/7/18	12/7/18	0.00	0.00			
140	Outsource	1 pcs	12/7/18	12/7/18			SKY002-VC	10	N/A
150	Packaging	1 pcs	12/7/18	12/7/18	0.00	0.00	Packaging2		
160	QC	1 pcs	12/7/18	12/7/18	0.00	0.00	QC6		
170	Small Fab	1 pcs	12/7/18	12/7/18	0.00	1.00	Small Fab-9		A.P.
180	QC	1 pcs	12/7/18	12/7/18	0.00	0.00	QC5		
181	Outsource	1 pcs	12/7/18	12/7/18			GRO002-VC	10	
185	DC	1 pcs	12/7/18	12/7/18	0.00	0.00	DC		DEC 2 8 2018
190	Packaging	1 pcs	12/7/18	12/7/18	0.00	0.00	Packaging3-2		
200	QC21-FG	1 Ea	12/7/18	12/7/18	0.00	0.00	QC21		DEC 2 8 2018

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels

Grease Aeroshell (M138724)
Saf-T-eze (M128063)



Container No: S132049



Part: C2

Job No: 187103

Serial No/Batch: M987-18

Revision: 2

Inspector:

Exp Date

Instructions:

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 12/27/18

agnon.Michelle

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C2-AR	C-Series Remote Hook 2,000 lbs Lift Capacity	1 Ea (1 ea)	100-Start up Operation	
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	170-Small Fab	
2595K22	Heat Shrink Tube	1 pcs (1 ea)	170-Small Fab	
32446	Crimp Terminal	2 Ea (2 ea)	170-Small Fab	
600.1310P	Label	1 pcs (1 ea)	170-Small Fab	
600.1314P	C2 Caution Sticker	1 pcs (1 ea)	170-Small Fab	
AN3-14A	Bolt	1 Ea (1 ea)	170-Small Fab	
AN4-16A	Bolt	2 Ea (2 ea)	170-Small Fab	
AN4-17A	Bolt	1 Ea (1 ea)	170-Small Fab	
C2-1-1	Manual Release Knob	1 Ea (1 ea)	170-Small Fab	
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	170-Small Fab	
C2-11-1	Side Plate, Solenoid	1 Ea (1 ea)	170-Small Fab	
C2-11-2	Locating Pin	2 Ea (2 ea)	170-Small Fab	
c2-12-1	Lock Bushing	2 Ea (2 ea)	170-Small Fab	
C2-12-3	Lock	1 Ea (1 ea)	170-Small Fab	
C2-12-7P	Teflon Spacer Lock	2 pcs (2 ea)	170-Small Fab	
C2-12-8	DUST SHEILD - C2 HOOK	2 Ea (2 ea)	170-Small Fab	
C2-13-4P	Keeper C2 Hook	1 pcs (1 ea)	170-Small Fab	
C2-13-5	Keeper Spring	1 Ea (1 ea)	170-Small Fab	
C2-14-2	Label Rivets	2 Ea (2 ea)	170-Small Fab	
C2-2-1	Side Plate	1 Ea (1 ea)	170-Small Fab	
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	170-Small Fab	
C2-3-10	Latch Shaft	1 Ea (1 ea)	170-Small Fab	
C2-3-11	Actuator	1 pcs (1 ea)	170-Small Fab	
C2-3-2	Latch Roller Pin	1 Ea (1 ea)	170-Small Fab	
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	170-Small Fab	
C2-3-3	Latch Roller	1 Ea (1 ea)	170-Small Fab	
C2-3-3-1	Latch Roller DU Bearing	1 Ea (1 ea)	170-Small Fab	
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	170-Small Fab	
C2-3-6	Latch	1 Ea (1 ea)	170-Small Fab	
C2-3-8	Actuator Shaft Bushing	2 Ea (2 ea)	170-Small Fab	
C2-4-1	Trunnion Bushing	2 Ea (2 ea)	170-Small Fab	
C2-4-4A	Load Beam Assembly - C2 Hook	1 Ea (1 ea)	170-Small Fab	
C2-5-1	Actuator Stop	1 Ea (1 ea)	170-Small Fab	
C2-7-1P	Load Beam Bumper	1 pcs (1 ea)	170-Small Fab	
C2-7-2	Lock Bumper	2 Ea (2 ea)	170-Small Fab	
C2-9-1P	Clock Spring Cover	1 pcs (1 ea)	170-Small Fab	
C2-9-2	Clock Spring	1 Ea (1 ea)	170-Small Fab	
C2-9-3	Clock Spring Cover Screw	4 Ea (4 ea)	170-Small Fab	
C3-10-2	Lock Spring	1 Ea (1 ea)	170-Small Fab	
C3-3-4	Link Pin	2 Ea (2 ea)	170-Small Fab	
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	170-Small Fab	
C3-3-7	Link	1 Ea (1 ea)	170-Small Fab	
C3-3-9	Actuator Spring	1 Ea (1 ea)	170-Small Fab	
C3-8-2	Solenoid	1 Ea (1 ea)	170-Small Fab	
C3-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	170-Small Fab	
C3-8-5	Solenoid Cover	1 Ea (1 ea)	170-Small Fab	
CORD GRIP	Cord Grip	1 pcs (1 ea)	170-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	170-Small Fab	
MS21044N4	Nut, Self-Locking	72 Ea (3 ea)	170-Small Fab	
MS21083N3	Nut	48 Ea (3 ea)	170-Small Fab	
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	170-Small Fab	
MS35338-137	Washer	4 Ea (4 ea)	170-Small Fab	
MS35338-137	Washer	4 Ea (4 ea)	170-Small Fab	
NAS1149F0332P	Washer	4 Ea (4 ea)	170-Small Fab	
NAS1149F0363P	Washer	1 Ea (1 ea)	170-Small Fab	
NAS1149F0463P	Washer	6 Ea (6 ea)	170-Small Fab	

5047075
3029480

5137993
5107444
5100111

5075144
5122088
5087938

5049176

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	C2	1	0	0
170-Small Fab	188-FPSS-1032-1/4	2	216	0
	2595K22	1	30	0
	32446	2	883	0
	600.1310P	1	58	0
	600.1314P	1	41	0
	AN3-14A	1	296	0
	AN4-16A	2	425	0
	AN4-17A	1	407	0
	C2-1-1	1	9	0
	C2-10-1	1	81	0
	C2-11-1	1	8	0
	C2-11-2	2	75	0
	C2-12-1	2	22	0
	C2-12-3	1	19	0
	C2-12-7P	2	218	0
	C2-12-8	2	31	0
	C2-13-4P	1	19	0
	C2-13-5	1	42	0
	C2-14-2	2	218	0
	C2-2-1	1	7	0
	C2-3-1	2	28	0
	C2-3-10	1	11	0
	C2-3-11	1	6	0
	C2-3-2	1	0	0
	C2-3-2-1	2	86	0
	C2-3-3	1	55	0
	C2-3-3-1	1	41	0
	C2-3-5	2	98	0
	C2-3-6	1	9	0
	C2-3-8	2	40	0
	C2-4-1	2	92	0
	C2-4-4A	1	0	0
	C2-5-1	1	24	0
	C2-7-1P	1	99	0
	C2-7-2	2	15	0
	C2-9-1P	1	52	0
	C2-9-2	1	52	0
	C2-9-3	4	194	0
	C3-10-2	1	41	0
	C3-3-4	2	40	0
	C3-3-4-1	4	92	0
	C3-3-7	1	109	0
	C3-3-9	1	73	0
	C3-8-2	1	5	0
	C3-8-4	1	15	0
	C3-8-5	1	10	0
	CORD GRIP	1	10	0
	EL-PLUG-M	1	68	0
	M27500-16TG2T14	1	81	0
	MS21044N4	3	194	0
	MS21083N3	3	151	0
	MS35266-63	1	43	0
	MS35338-137	8	478	0
	NAS1149F0332P	4	1,806	0
	NAS1149F0363P	1	534	0
	NAS1149F0463P	6	744	0

Part Specifications

Specifications could not be found.

Plex 11/27/18 2:30 PM Dart.Gagnon.Michelle

Inspection Sheet Complete

RA379

Customer QA Ref #

0

Part Number	Original Batch / Serial # / Ctrl #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order Instructions
C2	M987-17		1	☒ yes	☒ yes	☐ yes	☒ yes	CUSTOMER SUPPLIED	M987-17	S129158		Part arrived scuffed and scratched in some areas, but no damage visible that would affect function. Needs to be tested in small fab by Alain to determine if electrical/mechanical issue.
C2	M987-18		1	☒ yes	☒ yes	☐ yes	☒ yes	CUSTOMER SUPPLIED	M987-18	S129157		Part arrived scuffed and scratched in some areas, but no damage visible that would affect function. Needs to be tested in small fab by Alain to determine if electrical/mechanical issue.
0			0	☐ yes	☐ yes	☐ yes	☐ yes					
0			0	☐ yes	☐ yes	☐ yes	☐ yes					
0			0	☐ yes	☐ yes	☐ yes	☐ yes					
0			0	☐ yes	☐ yes	☐ yes	☐ yes					

QC Approval: AT

Date: 22-Nov-18

Special Return/Rework Instructions:



Overhaul Incoming Inspection

C2 ~~C10~~ Cargo Hook

Customer

RA 379

Date

2018/12/06

Part Number

C2

Serial Number

M987-18

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

C3-8-2

SOLENOID

☐☐☐☐☐☐☐☐☐☐

Inspected By

ALAIN PATRY



Remote Cargo Hook Test Form

C2

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order:

187103

Customer:

RA379

Serial Number:

M987-18

Date:

2018-12-18

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	5,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	1,000	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	2,000	Electircal, 22 volts	Current shall not exceed 13.0A	9.5 Amp.	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 13.0A	8.5 Amp.	Pass
2	1,000	Electircal, 22 volts	Current shall not exceed 13.0A	8.0 Amp.	Pass
2	500	Electircal, 22 volts	Current shall not exceed 13.0A	8.0 Amp.	Pass
2	100	Electircal, 22 volts	Current shall not exceed 13.0A	7.5 Amp.	Pass
1	2,000	Electircal, 20 volts	Current shall not exceed 13.0A	6.5 Amp.	Pass
1	2,000	Electircal, 28 volts	Current shall not exceed 13.0A	9.5 Amp.	Pass
1	2,000	Manual		N/A	Pass
1	2,000	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 2.1 - 2.4 Ohms	2.3 Ohms	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By:

Michel Lalonde

Signature

Sylvio Bacher

